

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Dwayne Rich <dritchff@interpath.com>
Subject: [2934] 49-er
Message-ID: <321A70F0.39B9@interpath.com>

Ok guys I received the parts for my 49-er in the mail today. I bought this kit as I like to backpack and it would be a great incentive to upgrade my license from tech+. I was wondering before I start building is there any mods I should do before I go and solder all of this together?

--

Dwayne
drichff@interpath.com

NC Firefighter II/NC EMT-Defib/NC HAZMAT Operations/ NC Basic Rescue
Tech
Ham Operator KC4ADW QRP-L#336
"Strive For Perfection Settle for Excellence"

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: pablo@tron.upr.clu.edu (pablo)
Subject: [2881] 50000000000 What?
Message-ID: <9608200912.AA31032@tron.upr.clu.edu>

Hi guys:
Although this mail isn't about QRP is a consequence of it.
A couple months ago I worked YT6SM. He recently send me his QSL
along with a self addressed envelope and a 50000000000 bill.
I don't know what type of bill this is, but here in PR no bank
was able to bring some light about this strange bill. I would like
to know if any of you have had a similar experience and if somebody
knows how much is this in DOLLARS. I guess it Should be close to a dollar
since it was intended to cover postage expenses. So many tn timer your time
and see ya on the air soon!
72 es GL,
WP4JXD--Pablo

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: randy foltz <rfoltz@wsu.edu>
Subject: [2922] Almost Delaware

Message-ID: <Pine.OSF.3.91.960820164104.31004B-100000@unicorn.it.wsu.edu>

Gang,

A heroic effort by Bill, K3AS, was just turned on 14.061. I heard him calling CQ QRPL and answered him 3 times before he got a piece of my call. We then spent the next 15 minutes trying to get my call straight. Never did get all the letters in the correct order. He was 549 here in northern Idaho and since I had just worked a Long Island station I felt sure we could make a successful QSO. The 5 watts from the old Triton IV into a ground mounted trap vertical just didn't quite make it. You deserve a pat on the back, Bill. I appreciate your efforts. Sorry to have taken nearly the entire 1/2 hour you were going to be on 20M. Hope you do the DX-pedition again.

72,

Randy

WB5QMP ARCI QRP-L NORCAL NWQRP ARS

Moscow, ID

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: lve1@inel.gov (Larry V East)

Subject: [2885] Antenna Book -- sale/trade

Message-ID: <2.2.16.19960820140810.1e8f3a6c@eloi>

Well, dumb 'ol me -- I bought a new copy of the ARRL Antenna Compendium Volume 3 forgetting I already had one! (Should have bought Volume 4...) So, anyone want to trade a copy of Volume 4 for my new copy of Volume 3? If no trade offers, I'll let it go to the first offer of \$12 (cover price is \$14), including shipping in the USofA.

72, Larry W1HUE/7

lve1@inel.gov

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: Grover & Doris T <SIXPENCE@worldnet.att.net>

Subject: [2878] BASIC Programing Language

Message-ID: <2.2.16.19960820080100.1907ac88@postoffice.worldnet.att.net>

Good Morning! Would like to use some of the Basic programs available to determine bearing and distance for DX stations. Also, want to write/modify

other programs in BASIC. I need help/guidance in finding Instructions for BASIC and support SW.

Please answer Direct.

Tnx y Paz Grover KQ4AL <SIXPENCE@worldnet.att.net>

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: David Adams <dave@flowserver.stem.com>

Subject: [2910] Cascade Mike Answer

Message-ID: <9608202058.AA14365@flowserver.stem.com>

So, after about a zillion replies, I have found that 1) Yes, Kenwood makes its own non-standard mike 2) The Cascade does not use a kenwood-type mike, but the usual icon/yeasu-deal. Fine...saves me from buying a new mike for now.

Thanks for the info guys!

73 de dave, n9uxu

=====

David J Adams

N9UXU QRP-L #83

dave@flowserver.stem.com

NorCal QRP #1442

(415) 813-5028

Flow Cytometry Specialist

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: David Adams <dave@flowserver.stem.com>

Subject: [2876] Cascade mike question

Message-ID: <9608200603.AA13012@flowserver.stem.com>

Hey folks! I finally started building the Cascade and have a question about the mike. The manual calls for a "Kenwood" style speaker mike.

&'K/5vof|Tct0C_

!

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: David Adams <dave@flowserver.stem.com>

Subject: [2877] Cascade mike question

Message-ID: <9608200606.AA13023@flowserver.stem.com>

Try again...I am building my Cascade (finally) and have a question about the mike. The manual calls for a "kenwood" style speaker mike. I have the Radio Shack Vox Headset/boom mike which I use with my icom and yeasu hts. (Are you ready for the question?!?!) Is this an appropriate mike or is kenwood suffering from the Commodore Business Machines syndrome and has bucked the standard? Any info is appreciated.

73 de dave, n9uxu

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2927] DE rewards
Message-ID: <199608210047.AAA28010@chuck.dallas.sgi.com>

Gang,

What with all the rewards offered to any ham worked from DE does that do away with the term "amateur"? :-)

I'll throw in a 2SC799 for a DE on 30M. :-)

dit dit

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)
K5FO TMPS 1996 Qs=084 States=33 Confirmed=54 DX=04 (0.95W)
40M 49wkd/49cfmd 30M 48wkd/48cfmd 20M 50wkd/50cfmd (0.95W)

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2903] DE TMPS
Message-ID: <Pine.BSI.3.93.960820141537.22931A-100000@u1.abs.net>

From: k3as@dol.net (Bill Marsh), FWD by K3TKS@abs.net
Subject: Delaware QRP, Comments on TMPS & DE QRP by K3TKS

Due to the apparent scarcity of DE QRP activity, K3AS will make an attempt to to provide a CW QRP QSO and QSL to as many stations as I can work with my less than perfect antenna and the dismal propagation conditions that we have been confronted with recently. I will post a schedule each week,

not necessarily on the same day, and this attempt will continue until there is no more need for it. As we get into the winter season and propagation hopefully improves I'll try it more than once a week , until everybody who needs Delaware can get it.

The day and times for this first attempt were chosen roughly at random. But I'm flexible so if anybody out there has any suggestions for a day (weekends maybe?) or time that would be more effective to get the job done, drop me an e-mail.

I'll get your QSL card in the mail the morning after the QSO, if you don't get it within a week notify me by e-mail and I'll send you another one.

Sorry, no 30 meter equipment here yet....maybe by early winter.

>>> T M P S & WAS-QRP IMPORTANT COMMENTS >>>

"There you have it !" One of the VERY FEW QRPers in DELAWARE and he dosen't have 30 Meter capability! If you guys were "Really Serious about T M P S" you would send him a SW-30 or OHR-100 Rig and 100 feet of wire." :^) QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net MDMW QRP RL (301)572-6789

I will be calling CQ QRPL at the times and frequencies below:

Aug. 20 2300-2330Z 14.060 +- 5 I'll try to find a clear spot
Aug. 20 2330-2400Z 7.040 +- 5 Same
Aug. 21 0200-0230Z 3.560 +- 5 Still Aug. 20 in USA

I'll try it and see what happens.

72 Bill K3AS

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: John Dorson K2JHU Real Estate Consultant <jdorson@bbs.mpcs.com>
Subject: [2923] Found possible amplifier
Message-ID: <199608202351.TAA14968@bbs.mpcs.com>

Hi Gang.

I would like to thank all of you for the information provided me regarding the amplifier needs of my friend.

Today I contacted a company in OH who sells kits and they are sending me a catalog.

As soon as I rec. it I will post what they have as some of you requested me to do so if I ever came across this information.

Again many thanks.

"Where can one person got so much information just for the asking..."

John Dorson Real Estate Consultant

Trying for WAS - AL,AK,AZ,AR,CA,CO,CT,FL,IL,IA,KS,KY,LA,ME,MD,MA
MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA
WA,WI

K2JHU only QRP...

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [2886] FS: S&S Eng. Ark 40 QRP rig

Message-ID: <Pine.3.89.9608200934.A1312-0100000@w3eax.umd.edu>

For sale for KA3RTE:

S&S Engineering Ark 40 QRP rig. Built-in speaker, built-in keyer, pushbutton up/down synthesized tuning. Practically new condition, rarely used (owner ended up with two of them).

\$399 new, asking \$260. Built like a brick. Thanks!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: Dick Schneider <74602.3317@compuserve.com>

Subject: [2906] FS: TS140S STATION
Message-ID: <960820200549_74602.3317_EHH53-4@CompuServe.COM>

FOR SALE: KENWOOD TS 140S STATION

KENWOOD TS 140S HF TRANSCEIVER \$550 PLUS SHIPPING
160-10 Meters. 100 WATTS. CW/SSB/AM/FM. QRP CAPABLE. EXCELLENT CONDITION.

KENWOOD PS-430 MATCH POWER SUPPLY. \$125 PLUS SHIPPING
20 A. HAS 12-VOLT OUTPUT FOR STATION ACCESSORIES.

KENWOOD AT-250 AUTOMATIC ANTENNA TUNER. \$225 PLUS SHIPPING
160-10 METERS.

KENWOOD SP-430 MATCHING SPEAKER. \$50 PLUS SHIPPING

PREFER TO SELL AS A PACKAGE

PACKAGE PRICE: \$900 PLUS SHIPPING

Please E-mail reply to 74602.3317@compuserve.com

72/73 Dick/AB0CD

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Jerry <frog@sd.cybernex.net>
Subject: [2882] FS:DD-1 Digital Display Kit
Message-ID: <199608201324.IAA21018@pinto.sd.cybernex.net>

When I ordered DD-1 on a OHR group buy I had no idea a little bit later that I would order a Sierra. So here I am very happy to have a Sierra, and I want a KC-2 for the Sierra.

If anybody wants a unbuilt digital display kit, I will sell it to them for what I paid. That way you get the kit and I get the KC-2. I did open the box, and looked at it, it looks super. If know one wants it I'll build it.

The bill was \$74.50 so I'll sell it for \$74.50. Anybody want it?

Jerry - NR5A

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: dedinger@ix.netcom.com (Dennis Edinger)
Subject: [2876] Ham and Military Manuals Sources?
Message-ID: <199608200511.WAA03265@dfw-ix1.ix.netcom.com>

Guys,

With all the new qrp url sites out there, I browsed past a link that had manuals for both ham and military equipment. I thought I bookmarked the link, but alas...

Could we start a thread of where the sources for these elusive manuals can be found? I'd surly appreciate the invormation.

de Dennis/nt01 CQC #202 QRP-L #467

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "Chris J. Cartwright - ELF" <dsc3cjc@imc220.med.navy.mil>
Subject: [2900] Hamstick Dipoles
Message-ID: <Pine.3.89.9608201258.A1603-01000000@imc220>

Well I've received more than 20 replies on the hamstick dipole question. There is more information in there than I can distill in a few lines, but as luck would have it some more of the hamsticks showed up via UPS last night. So now I have lots of mail to get to, and some toys to make some tests with. I expect to have some worthwhile (or not?) information to post after the weekend.

Thanks to all for the input, now *I* actually have to do something with it :) IMHO this is still the best group on the net, low S/N ratio and realworld information and experience when asked for.

TNX 73's

-- Christopher Cartwright, Tech. Engineer		...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV		fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil		red uniforms, oh damn!!
-- ccart@erols.com		-- Monty Python

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: N2QCE@aol.com

Subject: [2917] IOTA Numbers...

Message-ID: <960820181842_461281570@emout13.mail.aol.com>

Does anyone know the IOTA for Long Island in New York State ? I lost the message with the info. TNX.

- 73 de John N2QCE
E-mail n2qce@aol.com

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: wager@juno.com (James W. Cates)

Subject: [2893] KC-2 Kits

Message-ID: <19960820.090218.3934.3.wager@juno.com>

I am shipping all ordered-from-NorCal KC-2 kits today, per the posted cut-off date, All US destinations will be via priority mail, Canadian orders first class or air mail, depending on location, and DX orders air mail.

Wilderness Radio has the commercial version of this kit now available at \$75. Contact Bob Dyer, Wilderness Radio, PO Box 734, Los Altos, Ca., 94023-0734, phone (415) 494-3806 for details. Also available is the KC-2 front panel for the Sierra, at \$15.

No "usual disclaimer." I am an admirer of Wayne's designs, and Bob's kitting! jim

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: af852@rgfn.epcc.Edu (William R Colbert)

Subject: [2895] Lo-fers

Message-ID: <9608201610.AA10972@rgfn.epcc.Edu>

This post is in reference to Brad's (WB0CGH) about sites for Lo-Fer info. What I have here is as followOCows but I think some offer links to other sites:

<http://www.bluefin.net/~mike/hobby.html> (part 15 license free medium/low freq. information.)

<http://users.aol.com/lwcanews/lwcanews.html> (Longwave Club of America)
<http://cellini.leonardo.net/berri/wun> (WUN homepage with links to
LW info)

<http://www.mdsroc.com/navaid> (electronic directory of lf beacons)
<http://www.grove.net/index> (Monitoring Times Magazine - links to
other utility info, including LF)

Hope this is helpful. 72/73 Ray W5xe

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Ronald Hands <Ronald.Hands@freenet.hamilton.on.ca>
Subject: [2904] LOWFERS
Message-ID: <Pine.SOL.3.91.960820143431.8381A@james.freenet.hamilton.on.ca>

There was an interesting short piece on Lowfers operations in the March 1996 issue of CQ magazine, p. 70.

It gives some background on the "dean of LowFERS and MedFERS hobbyists", Ken Cornell, W2IMB, along with address and price info for his Low and Medium Frequency Radio Scrapbooks and for the Longwave Club's LOWDOWN newsletter.

-- Ron VE3SP
ronald.hands@freenet.hamilton.on.ca

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: john andrews <jm165723@eee.org>
Subject: [2902] Marine radios...
Message-ID: <3219FEC5.39B2@eee.org>

Hi Gang:

Nope...Not the one's painted olive green. The ones used for SSB communications on the sea.

A recent thread about finding parts made me think about the marine band radios I've found. You can find them in solid state or tube versions. Never turn one down if offered free or at a cheap price.

In addition to the SSB filters, PA, crystals, active and passive devices, etc. they usually have a large matching coil and heavy duty RF switch. Because the radios are fixed channel, taps are provided to change the inductance of the large loading coil.

This provides an opportunity for lots of different tuners. If you are a "one antenna" type, then you can set the taps using a SWR bridge, noise bridge, etc. for several bands. If you are using a "hidden" or "attic" type antenna you can remote the tuner with rotor cable.

Small motors or even automatic car window motors work well for variable caps that will rotate 360 degrees.

Well...just a thought...

72, John- N5INZ

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Jeffrey Greer <KF4GKH@postoffice.worldnet.att.net>
Subject: [2905] MFJ-451 Keyboard Keyer
Message-ID: <19960820185531.AAA18133@LOCALNAME>

I wasn't going to mention anything about my recent purchase of the MFJ-451 since I hadn't had it long enough to form an opinion. I purchased it mainly for the various code practice modes. In addition, it has a very large ram memory for working contests. (One of the clubs I belong to used one during the last field day at it looked handy.)

Anyway, the thing had an RFI problem that was solved by re-routing cables, using a ferrite bead, etc. But, the thing went belly up less than a month after purchase. When I saw the other response regarding operational difficulties, I thought I would mention my short term experience just in case a trend was developing.

PS. I just returned from my vacation in the mountains. I intend to consolidate the great responses I received regarding my test bench query. I have tons of real business (the kind I get paid for.) and a yard of grass to cut. One of my neighbors left a nastygram in the mailbox. I guess it rained a lot while I was gone. :)

Jeff, WD4ETO

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: larry.kosch@tolttbbs.com
Subject: [2935] model-100 cw send
Message-ID: <9608202317.0WPZJ01@tolttbbs.com>

I have a RADIO SHACK MODEL-100 computer and would like to use it to send cw...I have seen notes on QRP-L about software that will let me do that...Can you help me on any info on this ? Also any info on a interface would help...TNX for any information...

73 LARRY K8EJU

larry.kosch@tolttbbs.com

QRP-L 364 ARCI-8012 NORCAL-939 MICH-994 LARRY-K8EJU MAUMEE,OH

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [2935] New QRP Book From ARRL
Message-ID: <199608210239.TAA20578@sierra.psnw.com>

The ARRL has just published a new book of interest to QRP'ers. The title, QRP POWER, pretty well says it all. It is mainly a compendium of QRP related articles from QST, QEX and The ARRL Handbook. The table of contents is broken down as follows:

1. How Low Can You Go?
2. Construction Practices
3. Transceivers/Transmitters
4. Receivers
5. Accessories/Components
6. Resources

Subscribers to this list will recognize many familiar names and calls of authors in the book. They including Rich Arland, K7YHA, Zack Lau, KH6CP, Dave Benson, NN1G, Rick Campbell, KK7B, Wes Hayward, W7ZOI plus several others.

If you have every issue of QST since 1992, plus QEX, plus The ARRL Handbook, you probably won't find too much new information in QRP POWER. On the other hand, having it all together in one book is worth the \$12 cover price.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: wayne.barnhart@smug.org (Wayne Barnhart)
Subject: [2918] oscillation
Message-ID: <9608201405024266@smug.org>

Hey group - I be back with more questions.

I have recently put together a working oscillator (I stress the word working - most of my stuff ends up being an ashtray and I don't even smoke). Anyway, I was going to fix it somewhere in the 10Meg cw band, anyway that's how I designed it but...

I can do what I intended to do (don't have any 10mHz crystals you see) but I got to playing around with some variable caps that I had laying around. Unfortunately they tune some 8mhz or so. Like one tunes from 9.9 to 17.9 mhz. How might one of these variables be adjusted to a smaller tuning range? Instead of 8megs something like .5 megs?

It not a big thing ... like I said, a worse case is I just fix it somewhere. This was going to be for a DC receiver, not a superhet.

Thanks

Wayne WB7WHI
Spokane, Wa.

CMPQwk #1.4 UNREGISTERED EVALUATION COPY

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Subject: [2874] PC users: Virus alert (NO !! not GOOD TIMES! this is for real)
Message-ID: <9608200425.AA08583@radium.Eng.Sun.COM>

QRP'ers:

NO, this is NOT another lame GOOD TIMES message. This one is for real.

The details are below, however the bottom line is that you have this virus on your machine on either August 22 or September 22 your hard disk will be totally erased.

Updated viral scanners can be obtained at the following sites:

Symantec Norton Anti-Virus:

Virus Center: <http://www.symantec.com/avcenter/>

Hare virus update: <http://www.symantec.com/avcenter/hare.html>

Dr Solomon's Virus Scanner (S&S International):

Virus Center: <http://www.drsolomon.com/vircen/>

Hare virus update: <http://www.drsolomon.com/vircen/krsna.html>

72,

Ray WB6TPU

-----included file starts here-----

The Symantec Anitvirus Research Center reports the following concerning the Hare virus (<http://www.symantec.com/avcenter/hare.html>)

Hare.7610

Aliases: Euthanasia, HDEuthanasia, Krsna

Infection Length: 7610 bytes

Area of Infection: .COM and .EXE Files, Master Boot Record and Floppy Boot Sectors

Likelihood: Common

Region Reported: United States, Canada, United Kingdom, Switzerland, South Africa, Russia, New Zealand

Keys: Wild, Multi-partite, Polymorphic, Encrypting, Trigger, Stealth

Technical Notes:

The Hare.7610 virus was first detected in general distribution in New Zealand in early July of 1996. Within two weeks, it was also reported in Canada and South

Africa. Thereafter, it quickly spread to various countries in Europe and the United States.

Hare.7610 is polymorphic, multipartite virus that infects COM and EXE files as well as MBR on hard drives and boot sectors of floppy disks. Upon execution the virus will infect the MBR and go resident infecting any COM or EXE file that is executed.

Hare's polymorphism is fairly unique in that it is capable of generating a very large set of instructions. It is also interesting in that it is a slow polymorphic; it does not generate a different decryptor from infection to infection, rather it generates a set of instruction upon initial infection of the system. Whether this is a bug or not on the part of the virus writer is unknown. When an infected file is executed the virus looks at a certain sector of the hard disk for it's 'footprint.' If it finds the value 0xCCDD at the beginning of this sector it will not generate a new set of data for its polymorphic engine.

One other interesting thing about Hare is that the MBR and boot sector are also encrypted with the polymorphic engine (although it uses a much smaller set of instruction than with the file infections). In order for Hare to tell whether or not the MBR is already infected it looks for another 'footprint' that it leaves: It subtracts the word at offset 0x100 in the MBR for the word at offset 0x102. If this value is equal to 0xCCFF then it assumes that the MBR is already infected and will not re-infect.

The virus triggers on August 22nd and September 22nd. On either of those days if the virus is active it will display the following message:

"HDEuthanasia" by Demon Emperor: Hare Krsna, hare, hare...

It will then overwrite all the hard disks on the system, destroying all the data.

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: PDouglas12@aol.com
Subject: [2908] QRP thoughts (long-)
Message-ID: <960820164755_264373299@emout12.mail.aol.com>

Gang,

Dave Ingram mentioned in the Sept issue of CQ that QRP is one of the hot areas of ham radio today. I hope he's right. Another article noted that we are at the bottom of the sunspot cycle and on the brink of the start upward. That article suggested that there are some interesting phenomena related to

the poor propagation in this part of the 11 year cycle. First, HF in general is down such that the big manufacturers aren't selling many HF rigs. There was even the suggestion that the low sunspot activity was related to the 6% decline in Dayton attendance. This low sales picture may improve, the author suggests, as the spots/propagation return.

Meantime, the consequences have been interesting for us QRPers. The SSB-only crowd have crowded into the phone segment of 20 meters like the fish in the last pools of an evaporating pond (my metaphor, not the author of the article's). The CW end of 20 is fertile ground for the CW proficient, especially with the skewing of hamdom to SSB-only types. And 30m has no phone segment. 40 phone is a mess with the foreign broadcasters while 40 CW is clear. So, CW has had a considerable advantage for some ops with the skills to enjoy it.

I thought these observations were valid. I would add that I have found a decline in the overall activity on all bands, CW and phone, that I have been assuming and hoping are due to poor propagation. I remember as a boy/novice there were so many signals on the CW end of most bands, day in and day out, that there wasn't any good place to slip in a CQ without someone objecting ("lid!"). (Admittedly, the old receivers were pretty wide so the crowded band may have been a relative illusion.) It strikes me as ironic, though, that we have a bunch of new filter technology (Audio, SCAF, DSP, IF DSP, etc.) but few occasions (outside of big contests) when anything narrower than 3k is needed on the CW end. I hope we actually need those filters for everyday operating soon for something other than straining out power company noise.

On many nights, I have found that there aren't any contacts to be made, local or dx. I pray that that is due to low sunspot activity, rather than the lack of any other ops on the band.

Recent incursions by digital ops into the CW end aren't just disrespectful of QRPers. For one thing, we are still relatively few in number despite our rather intense level of participation compared with mainstream hamdom.

Rather, it is as sign that digital ops are looking for a quiet spot, and the CW ends are it. The problem is that QRP stations really don't make enough noise to make the band seem occupied.

Use it or lose it isn't just about regulatory threats. Our fellow hams are looking at the wide open space in the CW segments and licking their chops.

The one problem with QRP is that it doesn't have any ability to occupy a band the way a few KW signals can. Are we being selfish by operating only QRP when that leaves a vacuum in the rest of the CW end? Have we QRPers absorbed a significant proportion of all CW operators, leaving too few QRO CW operators to put potential trespassers on notice that someone is "home" on the CW end? I've been thinking of pulling the cover off the Yaesu for something other than using it for an overpriced freq counter. Maybe I'll turn the carrier control up to 100 watts for the first time in more than

three years. It might be fun, for a change. I haven't actually done it yet, and I am obviously not advocating a mass exodus to QR0.

Incidentally, I saw that the email addresses of two hapless trespassing digital ops were posted a while back. Did anybody email them? Did anyone hear back?

72, Preston WJ2V

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Scott Cranston <cranston@zk3.dec.com>
Subject: [2879] QRP++ and QST Review
Message-ID: <9608201234.AA32525@falphi.zk3.dec.com>

I just re-subscribed to the list after being off it for several weeks while on vacation, so this may have already been covered....

The Sept QST has an ARRL Labs review of the QRP+. It infers several circuit changes and firmware changes were done by Index Labs during the course of the the labs review to make the QRP+ meet spec.

Has anyone contacted Index Labs about what their plans are for fixing the QRP+'s that they have shipped or upgraded that do not meet spec and just geting other updates (like firmware).

Thanks for any info.
Scott, KB1NW
cranston@zk3.dec.com

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: mark.milburn@cshl.com (MARK MILBURN)
Subject: [2932] resource directory
Message-ID: <8C6C4AE.000A006A56.uuout@cshl.com>

Hi guys....

when I first got interested in QRP and joined this list, it was recommended that I send \$5.00 to the Colo QRP Club for a "Resource Directory" which would give the various rigs available and their features. I did that on July 2, and so far no directory. I know it's summer, and all this stuff is done by volunteers, so I'm not upset, just wonder if it's time to think that maybe the order got lost, or should I wait a little longer before thinking such thoughts?

Maybe somebody in the club could let me know.
73, Mark

... nfx v2.6 [C0000] QRP ARCI #9226 - ARS #139 -NW QRP #418 - ARRL

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [2915] scope-probe
Message-ID: <9608202212.AA28327@rgfn.epcc.Edu>

Hi Gang, well I hadn't heard nor seen anyone on the list mention the Radio Shack scope probe for a loooong time. Not knowing if they had ever been made, I stopped in last Saturday at my local store and asked. My friend said they had been out for a few weeks and when would I like mine? He said he would have it for me by Tuesday (today). Just got back from fording the local streets (West Texas scattered showers) and brought home the Probe Style Oscilloscope (RS 22-310) priced at 99.95 plus tax. Boy, what a neat little item. About the same size as the Logic Probe and p and pulser. It is also a DVM up to 100v, 20 Mhz sampling rate and 5 Mhz max effective bandwidth. Runs off 9-13 volts (catalog said 6-9 volts) and I have it running off a 9 volt battery. Can be used to check out the 40-9er (or similar rig) and even use its supply source. Going to be an interesting little item to play with. Sorry for the wide bandwidth long message but wanted to pass along the availability info and how the initial appearance is look appears to be. 73 Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [2890] square hold revisited
Message-ID: <9608201600.AA00646@sun1055.spd.dsccc.com>

Gary, KJ5VW wrote (gh>)

gh>

gh> With all the homebrewers on this list, I figured there must be someone
gh> who has figured a better way to make a square or rectangular hole in
gh> an aluminum enclosure than the way I did it last night.

gh> [a few lines deleted]

gh>

When I was in high school, I bought a tool called a "nibbler". It would take small rectangular bites from sheet metal, and sheet aluminum was easy. Each bite was only about 1/16 by 3/16. But you could "nibbble" your way into any shape hole you desired. This was great until my children discovered it. Then it was taken by doughno. I asked the kids who took it and they always answered "doughno". I wish I could find this person and retrieve my nibbler.

Anyway, the last time I tried to find one, I failed. I asked at a few tool shops, but nobody seemed to know what I was talking about.

SO... If somebody knows that nibblers can still be purchased, and they know where me and Gary can purchase a new nibbler, I would appreciate it. (Gary will appreciate it too, but he does not know that yet.)

72s,
Charles Cashion, W5ISZ, ccashion@spd.dsccc.com

```
+ - - - - - +
| If you choose to reply to me directly, and your mailer has an automagic |
| reply feature, please do not use it. Something has been changing my mail|
| reply address to sun1055!ccashion@uunet.uu.net, which at the very least,|
| causes mail to bounce |
+ - - - - - +
```

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [2888] Square holes
Message-ID: <3219DAD2.36D4@uts.cc.utexas.edu>

Hey Gang,

With all the homebrewers on this list, I figured there must be someone who has figured a better way to make a square or rectangular hole in an aluminum enclosure than the way I did it last night. I'm building the Super Tee antenna matching unit and am adding the SWR/Watt meter from the latest Hambrew article. Hence, I spent a long time last night trying to make a rectangular hole in my case for the meter. I first drilled out as much of it as I could with a 1/2" bit and then spent close to an hour filing with a very small file to get the meter case to fit. I've done this several times now with other projects, but there has got to be a better way. What do the rest of you do to

make square or rectangular holes? I'm sure the answer will come in the form of "Why didn't think of that?", but I haven't thought of it yet so help me out, please!

Did I mention that I didn't want to spend alot of money on new tools? My wife gave me an illuminated magnifying light for the workbench on father's day and my birthday isn't til next February. So new/expensive tools are out of the question.

Thanks for the advice.

72,73

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Guy Dragoo <gdrag@proedge.com>
Subject: [2884] St. Louis Tuner
Message-ID: <01BB8E76.1C483540@ft239.computek.net>

Good Day QRPers,
I have an unbuilt tuner that I am preparing to engage in hand to solder = iron combat. I am turning to the members here to hopefully gain some = insight (and advice) to help with my woefully lacking technical = knowledge.
I wish to bid the St.Louis tuner so that I have the option of using it = on 160m. Is there any thing that I ought (can?) do to make this = workable?
Thanks and 73
Guy Dragoo AC5HL

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: NYOUNG@nova.wright.edu
Subject: [2909] Submit! Submit, I say!
Message-ID: <01I8I87NWZDU8YB45B@nova.wright.edu>

Ok, ok, here's the deal: I ain't been on this list for a while 'cause of two things. One is I gotta get this academic writing done and I can't have the extra distraction of trying to keep up with the QRP world. Bad enough I got fleas in the radio shack -- remember the kittens, now, dear -- and a bathroom what my wife wants to salvage. Two is the bathroom heretoforementioned, so to speak. Three is I don't have time to read the list stuff at work, which brings up other

issues, like constitutional law, appropriate behavior, inappropriate behavior, attitudinal stuff and a picture of Sigmund Freud's cat.

That's why I ain't been here. I got other stuff to do too. See, I'd like to hang around and read all the stuff and see what the latest madness is, but I got enough insanity going on around here without me even thinking of ham radio right now. THus, I ain't been submitting my usual drivels for the rest of the folks to take issue and side on.

In fact, I've been trying to decode this one "text" and sometimes I really don't think I was cut out to speak English. Like this: "Clear and convincing: if two such undeconstructed adjectives seem in odd juxtaposition for a subjectless deconstructive process, they are neverthe less fitting. Beitchman's analysis is persuasively argued and interestingly grounded in his choice of texts...undoing symbolism and its successors, ending with a _tear_ in two senses -- this book is deeply deconstructive and yet not devoid of its own particular and highly personal lyricism."

Reminds me of that line in Lenny Bruce's "Mask Man" bit. The one where the yokel holding the gun says "Damn, Mask Man, you sure do talk some shit! I got a head ache from all that..."

So now you know. Don't worry. I'll be back. Now where's that Dusban bottle?....

73
Nils
WB8IJN +c

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [2917] Superhet Receiver kit
Message-ID: <199608202218.XAA10982@mail.enterprise.net>

Some of you (all?) may not have read or heard about an article in the UK magazine, Practical Wireless about the Sprat transceiver. Written by Geo. Dobbs G3RJV, this is a superhet receiver using an MC3362 IC and an LM386, with an IF of 4.433 Mhz, using a ladder filter with the colour burst crystals. Initially intended for 3.5 Mhz CW, but no doubt by altering the caps in the filter, SSB could be received. The board, double sided is just under 2 1/2 inches square. A second board used piggy backed with the RX one gives TX of same freq of course. VFO is varicap tuned on about 7.9 Mhz. Just for interest. I have no connection with the firms that do the PCBs or kits, but will gladly supply details or assist if I can. There has been some mail about superhets, so thought this may help. I am

awaitng the components for the rig. The main IC, which was originally intended for FM reception etc may be becoming a bit scarce though. There are some in stock if you check around (Cirkit in UK have some).

I am going to try a 20m version if the 80m one works!

Cheers all.

--

Frank G3YCC

Ham Radio QRP Web Page:

<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996

From: Bob Marsh <bmarsh@hicom.net>

Subject: [2921] SW-40 and Atlas RX-110

Message-ID: <321A4D17.3AED@hicom.net>

Hi Everyone,

I just finished building the SW-40 from Small Wonder Labs. This is my first kit radio, and I was very happy with the results. Since most of the stuff I've built so far has usually fried SOMETHING on the smoke test (usually more than once) you can imagine my suprise when I powered it up and nothing bad happened! Nope - not a hint of smoke.

The kit was very easy to assemble and align, and the instructions were excellent. I had some problems getting the output right, but Dave was able to point me in the right direction. (BTW, the problem was an error of mine) The bottom line - about 6 hours of fun and one or two hours of frustration equals a really nice littl radio. (even the frustration was kinda fun!)

I wasn't sure I wanted to shell out the money to build something I was gonna "blow up" and wind up with the rest of the projects in my junk box. But, now that I have one success under my belt, I'm ready for another kit. (Is there a "Kit Builder's Anonymous" meeting around?) As soon as I build up my "Radio Slush Fund" again, I think I'll try a 30 meter job, or, maybe a Green Mountain kit, or..... (Yeah! That's the ticket!)

Now for the usual disclaimer. I am not nor ever have I ever been a member of the Small Wonder Labs Party, etc., etc.

I also have a question on an Atlas RX-110 receiver. Has anyone ever used one or currently own one? I might be getting it, but I have no idea how good/bad the thing is. I'd appreciate any comments.

73/72 (whatever) de Bob/KB2SGM

(Power? We doan NEED no stinkin POWER!)

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Russ1031@aol.com
Subject: [2916] The Greatest of All Labor Days--The September Spartan Sprint
Message-ID: <960820181614_183695534@emout18.mail.aol.com>

Have you noticed that the Labor Day weekend can be something of a hassle? Crowds, family obligations, burnt hamburgers and other little reminders of life's rough edges?

Well, Adventure Radio Society has the perfect solution. Our standard Spartan Sprint day will be Labor Day, Monday, September 2. In just two hours, cleverly timed so that they won't interfere with your other Labor Day responsibilities, you can get your QRP fix.

The Spartan Sprints celebrate lightweight, simple radio gear. However, we're thrilled to have you one tonners participate as well. We report contest results in two ways--QSOs per pound of station weight, and the absolute number of QSOs. So you can achieve glory in two different pathways.

ARS provides handsome certificates to the operators who achieve the top four scores in the Qs per pound category. Because he's an essentially worthless person, the contest manager is ineligible.

You can get a full explanation the Spartan Sprints from our web site, <http://members.aol.com/adradio/index.html>. Or if you'd rather get the material by e-mail, just drop a note to me, Russ Carpenter, AA7QU, at Russ1031@aol.com and I'd be glad to e-mail a copy. The following synopsis, however, will give you all you need to participate.

Here is the plan for September 2:

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.
Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.K
2. Use 7040 +- Khz and 14,060 +- Khz (You may operate one or two bands--your choice).
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://members.aol.com/adradio/index.html>)
6. You can take credit for working the same station on a second band.

After the contest, send me e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, antenna tuner, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to me by Tuesday night, I'll include your data in the contest results, which I'll publish on Thursday on the ARS web site and the QRP-L.

72, Russ Carpenter, AA7QU
ARS Contest Manager and General Purpose Gofer

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: 20-Aug-1996 1019 <randolph@est.ENET.dec.com>
Subject: [2887] type 77 cores for W7EL wattmeter, again
Message-ID: <9608201449.AA04256@us4rnc.pko.dec.com>

Here's the results...

We made some basic measurements on the W7EL wattmeter's directional coupler, constructed with type 77 cores as a replacement for the no-longer-available type 72 cores.

The bottom line is that from about 1 to 35 MHz, it's a pretty good coupler, with directivity of at least 25 dB. Above that freq, the directivity drops slowly off to nothing somewhere around 400-500 MHz. It's not clear whether the coupler itself or the somewhat casual breadboard circuit layout is the culprit in the rolloff.

What that means, as far as I can figure, is that at VHF you will see less and less difference between the forward and reverse power readings at higher and higher freq, even at 1:1 SWR. I think it'll still be usable as a wattmeter right up to UHF - the 20 dB coupling stays flat to within about 3 dB to 500 MHz.

freq	directivity	coupling
1 MHz	24 dB +/- 1 dB	20 dB +/- 1 dB throughout
2	31 0	
4	38 0	
8	38 0	
16	33 1	
32	27 1	
64	22 1	
128	16 1	
256	8 1	

=====
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
=====

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: dedinger@ix.netcom.com (Dennis Edinger)
Subject: [2875] Want: AEA MM-3 or LK K-1 Keyer
Message-ID: <199608200507.WAA20995@dfw-ix5.ix.netcom.com>

Guys,

I am in need of a quality keyer as my son pursues his ticket (you know where my old one will go!). I would like to buy a used AEA MM-3 or a LogiKey K1. In a pinch I'd buy a CMOS III.

Either e-mail me, or land line at (303) 421-6329 and we'll work out details.

72,

de Dennis/nt01

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [2880] Re: Cascade mike question
Message-ID: <19960820.085958.4735.0.wb2vuo@juno.com>

Hi Dave. Keith here in the Depths of the Great Bergen Swamp...FN13ac

It usta be that the speaker-mike question was "Is it Kenwood, or is it everyone else???", but now Icom is using a different mike connection on their new HT's. The Radio Shack boom mike/headset won't work on Kenwood without wiring up an interface of sorts.

The Kenwoods want a separate PTT line, which is the shell on the 1/8" stereo plug, and the shell on the 3/32" mono plug. The mike is the ring on the 1/8" stereo plug, with the shell on the 3/32" plug. The speaker is the tip and shell on the 3/32" plug, with the shell on the speaker being ground.

The tip of the 1/8" plug is used for Kenwood's boom mike/headset, and powers the VOX circuitry..

To utilize the Radio Shack boom mike/headset, you would have to wire up an interface that would provide a separate PTT from the Mike line. The mike and the PTT are on the same two conductors, and when the PTT is actuated, the mike audio, and a 2.2K pull-up resistor are connected to the radio. This 2.2K resistor provides a DC return for the HT's PTT switching, and puts the HT into TX mode. The value was picked as it is high enough to not swamp the mike line, and low enough to pull all the radios into TX. The actual value that the various HT's want to see runs from 2.2K to 27K-ohms, with most falling in the 4.7K range. This would be the same value that a TNC needs to interface with th HT's.

I have thought about patching up an interface, but other matters have taken up my time. Maybe someone on the List has already done this, thus saving all of us from re-inventing the wheel...

72/73, Keith, WB2VUO, QRP-L #582, Bergen, NY, grid FN13ac
Trustee, KB2YTW/B 10 Mtr beacon (28.2860 MHz)
"In the Depths of the Great Bergen Swamp..."

wb2vuo@juno.com

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: n1list@netcom.com (Michael L. Ardai)
Subject: [2883] RE: Cascade mike question
Message-ID: <199608201351.GAA13451@netcom5.netcom.com>

Unless things have changed with the Cascade, it is looking for an Icom style mike (one that keys via the mike audio pin, not by shorting the shells). The recommended mike when I built it was the Radio Shack speaker mike; the VOX mike will probably work.

/mike

n1list@netcom.com

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [2907] Re: Cascade mike question
Message-ID: <Pine.LNX.3.91.960820131258.3408E-100000@dt1.datatamers.com>

David,

That is a mistake. The recommended mic is the Radio Shack speaker mic that costs about \$20.00.

72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: JessQRP@aol.com
Subject: [2920] Re: Cascade mike question
Message-ID: <960820193611_506096785@emout12.mail.aol.com>

Hi there,

The RS headset/mike vox unit will plug and paly on the Cascade with no mods.
As will the RD Speaker mike. I think that the manual was in error. I used
both with success on my Cascade. FYI

Best
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [2930] RE: Cascade Mike Question
Message-ID: <19960820.212525.4711.3.wb2vuo@juno.com>

Despite my posting on the differences between the Kenwood and the Icom
speaker mikes, I have been informed that the Cascade actually uses an
Icom-style speaker mike. If this is so, then the Radio Shack speaker
mike and the Radio Shack VOX headset will work.

I use, or have used both on Icom, Alinco, Standard and Radio Shack
HT's...

Now, if I can only interface the headset with my Alinco DX-70T. Anyone
been sucessful on that account yet?

72/73, Keith, WB2VUO, QRP-L #582, Grid FN13ac
Trustee, KB2YTW/B 10 Mtr beacon (28.2860 MHz)
"In the Depths of the Great Bergen Swamp..."

wb2vuo@juno.com

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Joe Gervais <vole@primenet.com>
Subject: [2926] Re: DE TMPS
Message-ID: <199608210044.RAA27547@primenet.com>

Danny, K3TKS, wrote:

> > Sorry, no 30 meter equipment here yet....maybe by early winter.
>
> "There you have it !" One of the VERY FEW QRPers in DELAWARE and
> he dosen't have 30 Meter capability! If you guys were "Really
> Serious about T M P S" you would send him a SW-30 or OHR-100 Rig
> and 100 feet of wire." :^)

Believe me, I've been considering it.... :-)

Hats off to the multiple QRPers who've been making the effort
to generate some RF from Delaware. I offer a can of Jolt Cola
to the first DE ham I work, in honor of your noble efforts.

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions #7

From owner-qrp-l@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "Jim Kortge, K8IQY (ex NU8N)" <jokortge@tir.com>
Subject: [2919] Re: need amplifier
Message-ID: <1.5.4.16.19960820231722.310ffcf2@tir.com>

At 07:45 PM 8/18/96 -0400, you wrote:

>Hi gang.
>
>looking for some help for a friend. he is looking for an amplifier
>with input 1-5 watts and output 20-25 watts or so. must be
>broad banded to cover 40-15 meters.
>
>he would consider build by i can't find any pland.

John...have your friend contact Communications Concepts Inc. in
Ohio and check out their AN779H kit. Add some outboard filters
for the required bands and T/R switching, and he should have
about what he is looking for.

My .04 pesos.....GL

72, Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_`<	Mizuho 17/40 SSB

... .. (*)/(*)

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: wylde@nccn.net (Grover Cleveland)
Subject: [2914] Re: QRP++ and QST Review
Message-ID: <v02130500ae3f7a7c4b3d@[205.139.74.184]>

.
>

>The Sept QST has an ARRL Labs review of the QRP+. It infers
^^^^^^

No, it "implies". As my grammar professor once explained, "You imply and from that I infer".

73

Grover

- - -

P. Grover Cleveland WT6P / QRPARCI 3795 / ARS 101 / Norcal 216
Sr. Engineer - Tektronix/Grass Valley
Archaeominiferroequinologist
Fairmont Speeder Pilot
Certified Steam Locomotive Driver
Certifiably Loony

Can also be found at: cleveland@usa.net
grover.cleveland@tek.com
71213.2741@compuserve.com
<http://ourworld.compuserve.com/homepages/gcleveland>

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Joe Gervais <vole@primenet.com>
Subject: [2925] Re: QRP++ and QST Review
Message-ID: <199608210043.RAA27353@primenet.com>

Grover, WT6P, wrote:

>

> >The Sept QST has an ARRL Labs review of the QRP+. It infers

>

^^^^^^

> No, it "implies". As my grammar professor once explained, "You imply and
> from that I infer".

Unless of course the author was making an inference based on
what someone else has already implied.... :-)

Actually I'm also wondering if anyone else has called Index Labs
to see if an upgrade policy is in the works. Please let us know!
If nobody steps forward in the next day or so, I'll go ahead and
give Bruce a call. Naturally I'll follow up here.

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: dgf@netcom.com (David Feldman)
Subject: [2894] Re: square hold revisited
Message-ID: <199608201608.JAA26300@netcom23.netcom.com>

>Anyway, the last time I tried to find one, I failed. I asked at
>a few tool shops, but nobody seemed to know what I was talking
>about.

>

>SO... If somebody knows that nibblers can still be purchased,
>and they know where me and Gary can purchase a new nibbler,
>I would appreciate it. (Gary will appreciate it too, but he does
>not know that yet.)

Well, why don't you go for the carbon dioxide laser approach? It's so
much fun!

But if you can't cut the 6-figure pricetag, a nibbler is a good
second choice.

I see one offered in the Harbor Freight Tools catalog 110C (summer 96),
page 21, catalog number 00539-1ANA, for \$7.99 each. The replacement
jaws are \$2.99 each, catalog number 00570-1ANA. Harbor Freight is
in California at 800 423 2567. I have had good luck with them in
the past as a source of low- to medium-grade tools, and they are a
prolific catalog publisher. They've been around for a long time.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Raymond.Anderson@eng.sun.com (Ray Anderson)
Subject: [2896] Re: square hold revisited
Message-ID: <9608201610.AA08925@radium.Eng.Sun.COM>

>SO... If somebody knows that nibblers can still be purchased,
>and they know where me and Gary can purchase a new nibbler,
>I would appreciate it. (Gary will appreciate it too, but he does
>not know that yet.)

Last time I was in a Rat Shack (Radio Shack) a couple of years ago they had nibblers hanging on the wall. Don't know if they still carry them. Also, for those in proximity to Silicon Valley, Fry's Electronics does have them in the tool section.

An alternative (those pricey) way of cutting the holes is to get a nice Greenlee chassis punch of the correct size. They do a beautiful job inside 30 seconds.

72,
Ray WB6TPU

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: lee@radioadv.com (Lee Richey)
Subject: [2898] Re: square hold revisited
Message-ID: <1.5.4.32.19960820161150.0067f6a8@radioadv.com>

>
>SO... If somebody knows that nibblers can still be purchased,
>and they know where me and Gary can purchase a new nibbler,
>I would appreciate it. (Gary will appreciate it too, but he does
>not know that yet.)
>
>72s,
>Charles Cashion, W5ISZ, ccashion@spd.dsccc.com

Mouser lists nibblers as stock number 524-806 at \$15.46. I use one here for prototyping and it works fine.

-Lee Richey WA3FIY-

Lee@radioadv.com
<http://www.radioadv.com>

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: mjsilva@ix.netcom.com (michael silva)
Subject: [2924] Re: square hold revisited
Message-ID: <199608210015.RAA21945@dfw-ix1.ix.netcom.com>

>

>Anyway, the last time I tried to find one, I failed. I asked at
>a few tool shops, but nobody seemed to know what I was talking
>about.

I picked one up at the local TV parts house, and I'm sure I've seen
them in some catalogs (Mouser perhaps?).

73,
Mike, KK6GM

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: dgf@netcom.com (David Feldman)
Subject: [2889] Re: Square holes
Message-ID: <199608201547.IAA23880@netcom23.netcom.com>

>father's day and my birthday isn't til next February. So
>new/expensive tools are out of the question.

My recommendation would be a carbon dioxide laser cutting system with
full numeric control, probably linked to a latest-greatest silicon
graphics workstation for full 3-dimensional real-time modelling.

At least that's how I do it...

;-)

Dave

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2891] Re: Square Holes
Message-ID: <199608201600.QAA26186@chuck.dallas.sgi.com>

I use a nibbler. In fact got it out last night to start to work on doing rectangular holes in PC board to put together an attenuator ala the ARRL handbook 1994 and previous editions.

Film at 11.

dit dit

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO Tmps 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)
K5FO Tmps 1996 Qs=084 States=33 Confirmed=54 DX=04 (0.95W)
40M 49wkd/49cfmd 30M 48wkd/48cfmd 20M 50wkd/50cfmd (0.95W)

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "Chris J. Cartwright - ELF" <dsc3cjc@imc220.med.navy.mil>
Subject: [2892] Re: Square holes
Message-ID: <Pine.3.89.9608201150.A1603-0100000@imc220>

> >father's day and my birthday isn't til next February. So
> >new/expensive tools are out of the question.
>
> My recommendation would be a carbon dioxide laser cutting system with
> full numeric control, probably linked to a latest-greatest silicon
> graphics workstation for full 3-dimensional real-time modelling.
>
> At least that's how I do it...
>
> ;-)
>
> Dave
>

Show off! :) Way back in the "old" days I used to use chassis punches, you know, drill a 1/4" hole, thread the two halves together, tighten it up and voila! a hole the size of the punch. I still have quite a few round ones (somewhere!?) and did at one time have a few square and rectangular ones. I think the set was about the same price as a decent tap and die set (I have one of those too :-P) if I remember correctly.

For "odd" size square/rectangular holes I used to use the small square punch and do one corner and then a few more carefully lined up punches to enlarge to what I needed, not perfect but much cleaner than gnawing and filing.

I know you said no new tools, but you should be able to get a small punch in the \$20-30 range. Try Sears or maybe an old TV repair shop. And remember, the gift giving Labor Day holiday is right around the corner :>

-- Christopher Cartwright, Tech. Engineer		...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV		fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil		red uniforms, oh damn!!
-- ccart@erols.com		-- Monty Python

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [2897] Re: Square holes
Message-ID: <1.5.4.16.19960820111429.2f67dbec@206.158.2.1>

At 10:33 AM 8/20/96 -0500, you wrote:

>Hey Gang,
>

>What do the rest of you do to
>make square or rectangular holes? I'm sure the answer will come in
>the form of "Why didn't think of that?", but I haven't thought of it
>yet so help me out, please!

Gary . . . I usually use a nibbling tool. It's a device that looks somewhat like a pair of pliers and "nibbles" away at the aluminum in small bites approx .25" wide and .1" or so deep. Radio Shack used to sell them. Might try Mouser or Digikey. Should be \$15 or less.

72/3 de Allen, K9DZE
ajones@adsnet.com

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: john andrews <jm165723@eee.org>
Subject: [2899] Re: Square holes
Message-ID: <3219E9C2.7A12@eee.org>

What do the rest of you do to make square or rectangular holes?
>

> 72,73
>
> Gary, KJ5VW

Hi Gary and all:

Yep..the nibbler is the way to go. The Greenlee square(and round) punches will make you do without lunch for a *long* time.

The local Snap-on guy usually carries these(nibbler). Check with your auto mechanic for when he comes around. Another nifty tool is the General Tools wire guage. I paid about \$14.00 dollars for mine and "Donno" has'nt found it yet.

72, John-N5INZ/6

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "L. Mark Pilant - MS:ZK03-4/Y02 DTN:381-1529" <pilant@seesaw.ENET.dec.com>
Subject: [2900] RE: Square holes
Message-ID: <9608201701.AA04040@us2rmc.zko.dec.com>

Back when I was doing electronics the first time around, a company called Adel made a real nice nibbler. They don't seem to be around anymore, but I did see a nibbler in Radio Shack a couple of weeks back. (I bought one about a year ago.) They are probably still available.

- Mark N1VQW

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [2901] Re: Square holes
Message-ID: <49724.owen@apollo.eeel.nist.gov>

In message Tue, 20 Aug 1996 09:37:22 -0700,
john andrews <jm165723@eee.org> writes:

> What do the rest of you do to make square or rectangular holes?
>
>>
>> 72,73
>>
>> Gary, KJ5VW
>>

Well Gary I have to agree with the rest of the group that for the home shop

the nibbler is the way to go. Having been in the Instrumentation Group here for many years I have found that making a square or hole is a real pain in the b---. I tried many ways to get around it and found that you can use a nibbler, a hacksaw (real crude), start out with a smaller square punch and file the rest (almost as crude) or the best solution, don't use any components that require a square hole. Still you can't beat a well stocked tool box with a set of Greenlee punches if you are going to do any large amount of building. If you are going to do any computer interfaces you REALLY need the D punch for DB37 connectors. There ARE other makers of punches other than Greenlee. One is Q-MAX and prices range for round punches from \$6.93 for a 3/8 in to \$25.47 for a 1 3/4 in. Oh BTW a DB37 punch will set you back about \$142.00. Available from Farnell Components 1-800-718-1997 and many other suppliers.

72/73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [2929] RE: Square Holes
Message-ID: <19960820.212525.4711.4.wb2vuo@juno.com>

Yes, Radio Shack still has the nibbling tool, but I forgot to get the stock # and price when I was there this afternoon. Check kout you local "Hang-it-on-the-wall" place, and it's in the tools, and the one I got a few years ago still works fine...

72/73, Keith, WB2VUO, QRP-L #582, Grid FN13ac
Trustee, KB2YTW/B 10 Mtr Beacon (28.2860 MHz)
"In the Depths of the Great Bergen Swamp..."

wb2vuo@juno.com

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: NYOUNG@nova.wright.edu
Subject: [2931] Re: Submit! +c needs alignment
Message-ID: <01I8II322G828YBC6Y@nova.wright.edu>

Jeesh! You guys should be deconstructing postmodernism!
Not only did everyone think that I was back on a permanent basis, but that I was gonna make regular appearances. Ain't that way, dudes and dudettes, ain't that way.

See, I just wanted everyone to know that (a) the boring ol' curmudgeon from Medway had not been ground to mush under

a glacier, or that (b) I hadn't shot the cat by mistake and had had myself admitted to the local EST clinic.

I got a note a couple weeks back from Chuck asking about my level of cogency, to which I responded etc. Then I got another note from someone else and I responded to that. Then I got another and then another and pretty soon I was spending so much time responding to enquiries about my relationship with Elvis and Jim Morrison (who both run a postmodernist existentialist Marxist [that's Groucho Marxist] tattoo parlor and ice cream stand in Detroit) that I figured a note to the list would be more efficient.

Man, was I wrong. Now I'm getting "it cheers the cockroaches of my heart to know you ain't daid yit" notes from everyone and I'll have to respond to those too. Shoulda kept my mouth shut and let Derrida or some other fan of Jerry Lewis explain me to the listers.

So, here's the set-up. And I'm gonna use small words.

1. I am alive and still trying to figure out what the hell deconstruction means, since it needs to be deconstructed in order to figure out whether it's a frog or a toad.
2. I have taken a momentary leave of absense from the QRP-L list, the Writing-Across-the-Curriculum list, a couple other lists and now receive only occasional reminders that I can't figure out how to desub from the ten-tec list.
3. I will return to the ranks of QRP-L rancor once both the Democraplican and the Republicrat conventions are over. And that includes Micheal Harrington and the American Socialist Party, the Libertarians, the Liberty Netwits, the 70th birthday of Fidel (Que viva el jefe).
4. I will return to the QRP-L when I finish off the rest of academic stuff that I simply must get done 'cause I'm spinnin' my wheels otherwise. And that includes exchanges with the ACLU guys and whoever else really thinks that employers have the ability to remove people's First Amendment rights.
5. So lighten up. Besides, I'm really a boring old whiner who lives across from a dry-cleaners, has radios in an outhouse and who has yet to finish the archeological dig that cleaning the oldest boy's bedroom turned out to be. You don't need old guys sittin' around with duct tape scars on their stomachs whining about tapioca and not

enough forks for my morning coffee.

Or, as L.Ron Hubbard said: "
"Do I hear any questions on that?"

73

Nils

WB8IJJN +c

and no, I don't need an answer to that last question.

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: David Maliniak <dmalinak@CLASS.ORG>
Subject: [2911] Re: Submit! Submit, I say!
Message-ID: <Pine.SUN.3.91.960820141419.16894C-100000@class.class.org>

I don't know about everybody else, but I really missed this guy during his absence. Welcome back, Nils! I'm still trying to figure out exactly what he meant, anyway...

72 David N2SMH
Glen Rock, NJ

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: rright@primenet.com (Roger Hightower)
Subject: [2913] Re: Submit! Submit, I say!
Message-ID: <199608202137.0AA02890@primenet.com>

At 05:02 PM 8/20/96 -0500, NYOUNG@nova.wright.edu wrote:
>Ok, ok, here's the deal: I ain't been on this list for a while 'cause
>of two things. One is I gotta get this academic writing done and I
>can't have the extra distraction of trying to keep up with the QRP
>world. Bad enough I got fleas in the radio shack -- remember the
>kittens, now, dear -- (snip)

>So now you know. Don't worry. I'll be back. Now where's that Dursban
>bottle?....
>

Aha! Now I know where Nils gets his goofiness from.

Gotta watch that Dursban....I OD'd on the fumes once whilst chasing critters

that feed on critters, and was disoriented for weeks. Shore will tumble yer gyro.

Welcome back, Nils, es take it easy on that stuff.

73, de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [2928] Re: Submit! Submit, I say!
Message-ID: <2.2.32.19960821000720.00879df8@public.compuser.nf.ca>

Nils,

Glad to hear your back, alive and well (hold that).

The word on the street was you left us because of all the summer time bickering, name calling, etc. in preparation for the upcoming elections. We felt so bad about your departure that we all calmed down and life has returned to "normal" here on the tranquil QRP-L.

But now that we know your back we can start again. Who was it that posted and email that Nils was out to lunch - not true it was just dinner...

MUD, SLOP, DIRT - we need to get ready for the elections...

Cheers and welcome back Nils and keep those fleas to yourself - I'm already scratching just thinking about it.

OQRP - Have you been using your RAC digial dial kit??

73/72 Bob V01DRB/WA6ERB

At 17:02 8/20/96 -0500, you wrote:
>Ok, ok, here's the deal: I ain't been on this list for a while 'cause
>of two things.
>73
>Nils
>WB8IJN +c

	Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada	
	QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP	
	Internet: rgobrick@nfld.com	

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: rnflyer@usa.pipeline.com (Rick Nash)
Subject: [2933] Re: The Whole Pie! <long but worth it>
Message-ID: <199608210212.CAA10696@pipe17.h1.usa.pipeline.com>

On Aug 19, 1996 11:41:38, '"Paul R. Valko" <prvalko@Oakland.edu>' wrote:

> Q R P - L P I E
> by: wb8zjl
>
>Prelude: Since your mind is set in concrete, I guess the discussion is
over.
>

Paul :

That was some lyric. If someone could adapt this to the
"INAGODADAVIDA" sound track we would have a top 40 tune.
Hi, Hi !!!! Thanks for the digression.

Rick KB0TCY

From owner-qrp-1@Lehigh.EDU Tue Aug 20 23:14:12 1996
From: Jeffrey Greer <KF4GKH@postoffice.worldnet.att.net>
Subject: [2912] Re: Universal Holding Device
Message-ID: <19960820213116.AAA1850@LOCALNAME>

A weighted base device with adjustable alligator clips at each end of an
adjustable rod with a magnifying lens on a third appendage is available at
Radio Shack!

As usual, no relation to RS!!!

Go Gators

Jeff, WD4ETO